

CLAIMS

1. A parts integrated control system adaptable to a life cycle, comprising a master database, in which data on all parts including parts for new commercial products is previously existing, and which may be shared among related department terminal devices; a parts integration database, which permits an exchange of data to and from said master database; and an examiner terminal device and an authorized approver terminal device, which are connectable to said parts integration database, wherein said parts integrated control system also comprises:

an extraction step of extracting parts-related data having been newly recorded in said master database within a certain period of time to copy the extracted new parts data into said parts integration database;

an examination step of comparing the new parts data obtained through said extraction step with existing parts-related data to allow an examiner to examine whether the integration of the existing parts and the new parts is possible or not;

an approval request step of sending a request to approve a resulting judgment, which is passed by the examiner through said examination step when the integration of the existing parts and the new parts is judged to be possible, to said authorized approver terminal device dedicated to an authorized approver who is authorized to make a final decision on the judgment of the examiner;

a determination step of allowing the authorized approver to determine the possibility or not of the integration of the

existing parts and the new parts in accordance with said approval request step; and

an updating step of providing integrated parts data by updating said new parts data and/or the existing parts-related data in said master database on the basis of approval data obtained at a time when the approval for the integration of the existing parts and the new parts is determined through said determination step.

2. The parts integrated control system adaptable to the life cycle according to claim 1, wherein it further comprises a distribution step of distributing the integrated parts data provided by updating through said updating step to the related department terminal devices.

3. The parts integrated control system adaptable to the life cycle according to claim 1, wherein it further comprises a recording step of recording, into said parts integration database, data on a resulting judgment passed by the examiner through said examination step when the integration of the existing parts and the new parts is judged to be impossible, together with a reason to judge said integration to be impossible.

4. The parts integrated control system adaptable to the life cycle according to claim 1, wherein it further comprises a recording step of recording, into said parts integration database, data on a resulting rejection determined by the authorized approver through said determination step when the approval for the integration of the existing parts and the new parts is

rejected, together with a reason to reject the approval for the integration.

5. A parts sales mode control system adaptable to a life cycle comprising a master database, in which data on all parts including parts for new commercial products are previously existing, and which may be shared among related department terminal devices; a parts sales mode control database, which permits an exchange of data to and from said master database; and an examiner terminal device and an authorized approver terminal device, which are connectable to said parts sales mode control database, wherein the parts sales mode control system also comprises:

an extraction step of extracting parts-related data having been newly recorded in said master database within a certain period of time to copy extracted new parts data into said parts sales mode control database;

an examination step of comparing the new parts data obtained through said extraction step with existing parts-related data to allow an examiner to examine whether a change of the sales mode on the existing parts is possible or not;

an approval request step of sending a request to approve a resulting judgment, which is passed by the examiner through said examination step when the change of the sales mode on the existing parts is judged to be possible, to the authorized approver terminal device dedicated to an authorized approver who is authorized to make a final decision on the judgment of the examiner;

a determination step of allowing the authorized approver to determine the possibility or not of the change of the sales mode on the existing parts in accordance with said approval request step; and

an updating step of providing changed sales mode data by updating the existing parts sales mode-related data in said master database on the basis of approval data obtained at a time when the approval for the change of the sales mode on the existing parts is determined through said determination step.

6. The parts sales mode control system adaptable to the life cycle according to claim 5, wherein it further comprises a distribution step of distributing the changed sales mode data provided by updating through said updating step to said related department terminal devices.

7. The parts sales mode control system adaptable to the life cycle according to claim 5, wherein it further comprises a recording step of recording, into said parts sales mode control database, data on a resulting judgment passed by the examiner through said examination step when the change of the sales mode on the existing parts is judged to be impossible, together with a reason to judge the change of the sales mode to be impossible.

8. The parts sales mode control system adaptable to the life cycle according to claim 5, wherein it further comprises a recording step of recording, into said parts sales mode control database, data on a resulting rejection determined by the

authorized approver through said determination step when the approval for the change of the sales mode on the existing parts is rejected, together with a reason to reject the approval for the change of the sales mode.